

AMENDMENTS TO THE CLAIMS

1. (Canceled).

2. (Canceled).

3. (Currently Amended) A rewinding machine for producing logs of wound web material comprising:

- a path along which a web material is fed;
- a winding cradle to wind the web material and form said logs, including at least one first winding element around which said web material is fed;
- means to sever the web material upon termination of winding each log, including a rotating severing element, cooperating with said first winding element;
- at least one first glue dispenser including a mechanical member that touches the web material at end of winding of said each log to apply a first glue to a portion of said web material, in proximity to a severing line, along which the web material is severed upon termination of winding said each log to form a final free edge and an initial free edge, said first glue gluing the final free edge of the log;

wherein said mechanical member of said first glue dispenser is integral with said severing element or is part of said severing element, and wherein said mechanical member, said path and said first winding element are constructed and

arranged such that the web material is fed between said mechanical member and said first winding element when said mechanical member applies said glue to a portion of said web material contacting said first winding element.

4. (Previously Presented) Rewinding machine as claimed in claim 3, wherein said severing element is controlled such that when said severing element is in contact with said web material said severing element has a peripheral speed differing in respect of said first winding element.

5. (Previously Presented) Rewinding machine as claimed in claim 3 or 4, wherein said severing element is integral to an assembly of rods at ends of which glue absorbent pads are integral.

6. (Previously Presented) Rewinding machine as claimed in claim 3, wherein said mechanical member is a rotating element.

7. (Previously Presented) Rewinding machine as claimed in claim 3, wherein said first glue dispenser applies said first glue to a portion of the web material wound around said first winding element.

8. (Previously Presented) Rewinding machine as claimed in claim 3, wherein said mechanical member has at least one pad suitable to pick up said first glue and to

6539/USSN 10/535,424  
Group Art Unit 3625

touch said web material, to transfer to said pad at least part of the glue picked up.

9. (Currently Amended) Rewinding machine as claimed in claim ~~1~~ or 3, further comprising a second gluing unit to apply a second glue to tubular winding cores.

10. (Previously Presented) Rewinding machine as claimed in claim 9, further comprising a rolling surface defining with said first winding element a channel to feed said winding cores; and wherein said winding cores are fed into said channel and made to roll inside the channel before the web material is severed.

11. (Previously Presented) Rewinding machine as claimed in claim 3, wherein said first glue dispenser applies said first glue along longitudinal bands, continuous or broken, on said web material.

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Canceled).

17. (Canceled).

18. (Canceled).

19. (Canceled).

20. (Canceled).

21. (Currently Amended) Method for producing logs of wound web material, comprising:

- winding a quantity of web material by at least a first winding element to form a first log in a winding area;
- upon termination of winding said first log, severing the web material by a mechanical member where the web material is positioned between said mechanical member and said first winding element to create a final edge of the first log and an initial edge to form a second log;
- applying a first glue to a portion of the web material destined to remain wound on the first log, in proximity to the final free edge, which is glued to the first log upon termination of winding,

wherein said first glue is applied to the web material by said mechanical member when the web material is present between the mechanical member and the first winding element ~~a severing element that also severs the web material upon termination of winding each log.~~

22. (Previously Presented) Method as claimed in claim 21, wherein said web material is wound around tubular winding cores.

23. (Currently Amended) Method as claimed in claim ~~20~~ or 22, further comprising applying a second glue to said

tubular winding cores to fasten the initial free edge of the web material.

24. (Currently Amended) Method as claimed in claim ~~20~~ or 21, wherein said first glue is applied along a longitudinal line.

25. (Currently Amended) Method as claimed in claim ~~20~~ or 21, wherein said logs are wound with a peripheral winding system.

26. (Currently Amended) Method as claimed in claim ~~20~~ or 21, wherein said first glue is applied to the web material before severing of the web material.

27. (Currently Amended) Method as claimed in claim ~~20~~ or 21, wherein said first glue is a liquid or semi-liquid glue.

28. (Currently Amended) Method as claimed in claim ~~20~~ or 21, wherein said first glue is a strip of double-sided adhesive material.

29. (Canceled).

30. (Canceled).

31. (Canceled).

32. (Canceled).

33. (Canceled).

34. (Canceled).

35. (Canceled).

6539/USSN 10/535,424  
Group Art Unit 3625

36. (Canceled).

37. (New) Rewinding machine according to claim 3, further including a surface defining a channel along with said first winding element; and wherein said severing element and said mechanical member co-act with said first winding element along said channel.

38. (New) Rewinding machine according to claim 37, further comprising a core feeder constructed and arranged to feed winding cores into said channel.